

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2002-353432**
(43)Date of publication of application : **06.12.2002**

(51)Int.Cl. **H01L 27/146**

H01L 31/04

H01L 31/10

H01L 51/00

H01M 14/00

// C25D 11/04

(21)Application number : **2001-155565** (71)Applicant : **FUJI PHOTO FILM CO LTD**

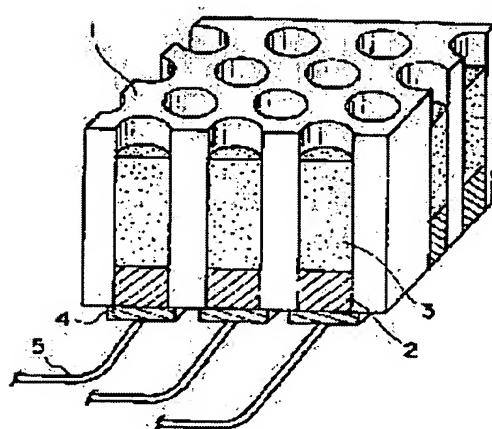
(22)Date of filing : **24.05.2001** (72)Inventor : **MIYASAKA TSUTOMU**

(54) FUNCTIONAL NANOSTRUCTURE AND OPTICAL ELEMENT USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a functional nanostructure which can show the optical characteristic of photoelectric conversion with high density, and to provide an optical element.

SOLUTION: The functional nanostructure has a supporting body 1 having a plurality of independent pores, where the diameters of opening parts are 50 to 600 nm and depths are not less than 100 nm and semiconductor fine grains 3 included in the pores.



LEGAL STATUS

[Date of request for examination]
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]
[Date of extinction of right]